

FOR TRANSFER STUDENTS

**PROGRAM OVERVIEW**

The interdisciplinary CU Denver Construction Management (CM) program leverages CU Denver’s accredited schools of Engineering, Architecture and Business to prepare students for today’s complex construction industry. Construction management professionals combine knowledge of innovative technologies, construction practices and business management to lead a variety of construction projects, from residential, commercial and industrial buildings to infrastructure projects such as roads, bridges and large facilities. Construction managers orchestrate construction projects over their full lifecycle, managing schedules, budgets, quality and safety.

**ACADEMIC ADVISING**

Students admitted to the College of Engineering, Design and Computing (CEDC) who have declared a major should meet with an advisor in their specific department and should contact that department to schedule an appointment. For Construction Management academic advising, please contact the Construction Management Undergraduate Program Manager:

Liv Lindenberg

[liv.lindenberg@ucdenver.edu](mailto:liv.lindenberg@ucdenver.edu)

Phone: 303-315-7160

Office Location: North Classroom 2506, Auraria Campus

Visit the Construction Management website [here](#)

**PROGRAM REQUIREMENTS & POLICIES**

**The following program requirements are based on degree requirements for the current Catalog year at CU Denver and are subject to change. Students are responsible for completing degree requirements based on the Catalog year for which they are admitted.**

Students are responsible for meeting with the faculty advisor in their department to confirm major requirements. Students completing the Construction Management B.S. Degree are required to complete the following minimum program requirements:

1. Complete 24 semester hours of CU Denver Core Curriculum coursework.
2. Complete 12 semester hours of Math and Science coursework.
3. Achieve a minimum 2.0 CU cumulative grade point average (GPA) in all major courses.

All College of Engineering, Design and Computing (CEDC) students are required to complete the following minimum general graduation requirements:

1. Achieve a minimum 2.0 grade point average (GPA) for all courses attempted, for all required courses and for all courses taken within the student’s major department
2. Complete all CU Denver Core, CEDC, and major requirements
3. Complete a minimum of 30 CEDC hours as a declared CEDC student in good standing at CU Denver
4. Complete at least the final two semesters as an enrolled CEDC student

**COURESWORK THAT CAN BE COMPLETED AT PREVIOUS INSTITUTIONS**

The following is a “bucket” of requirements students can complete prior to transferring to CU Denver, including equivalent Colorado Community College System (CCCS) courses. To determine the equivalencies of courses completed at non-CU Denver institutions, students can visit [www.transferology.com](http://www.transferology.com). It is critical students connect with a CU Denver academic advisor to ensure planned courses will transfer *and* apply to CU Denver degree requirements. All non-CU Denver coursework must be completed with a C- or better to be eligible for transfer.

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Students interested in completing an Associate (A.A. or A.S.) Degree or a [Colorado Statewide Transfer Articulation Agreement or Degree with Designation \(DWD\)](#) must work with their community/junior college academic advisor to create an academic plan that accounts for all degree or transfer articulation agreement requirements. Colorado Community College Students may also explore the option to complete [Reverse Transfer](#) at CU Denver.



Courses	Credits	Notes
* Course prerequisites change regularly. Students are responsible for consulting advisors and the class schedule in the student portal for prerequisite information. *		
Required CU Denver Core Curriculum Coursework	24	
Intellectual Competencies: ENGL 1020+ENGL 2030	6	
Humanities and the Arts	6	
Behavioral Sciences	3	
Social Sciences	3	
Cultural Diversity	3	
International Perspectives	3	
Required Math and Science Coursework	12	
MATH 1130 Precalculus	4	May substitute MATH 1110 and MATH 1120
PHYS 2010 College Physics I	4	
PHYS 2030 College Physics Lab I	1	
Statistics course	3	MATH 2830, MATH 3800, CVEN 3611, ELEC 3817, or BANA 2010
Required Business Coursework	15	
BMIN 1000 Introduction to Business	3	
BLAW 3050 Business Law and Ethics	3	
Business courses	9	Please discuss course choices with an advisor
Required Architecture Coursework	12	
ARCH 3330 Building Systems I	3	
ARCH 3340 Theory of Structures I	3	
ARCH 4340 Theory of Structures II	3	
ARCH 4440 Building Systems II	3	
Required Construction and Engineering Coursework	46	
CEMT 1000 Introduction to Construction Management	1	Or CVEN 1067
CEMT 2100 Construction Mgmt Fundamentals	3	
CEMT 2300 Heavy Civil Construction & Equipment	3	
CEMT 3100 Field Engineering & Management	3	
CEMT 4067 Senior Capstone Project	3	
CEMT 4231 Construction Materials and Methods	3	
CEMT 4232 Construction Planning and Controls	3	
CEMT 4233 Construction Cost Estimating	3	
CEMT 4234 Sustainable Construction	3	
CEMT 4236 Project Management	3	
CEMT 4240 Building Information Modeling	3	
CEMT 4242 Construction Safety	3	
CEMT 4939 Internship	1	At least 3 months of internship
CVEN 1025 or MECH 1025 Engineering Graphics	3	
CVEN 2212 Surveying for Construction	2	
ENGR 1200 Freshman Design	3	Or ARCH 1110
ENGR 1100 Computational Foundations	3	
Technical Electives	11	

## Construction Management (B.S.)

This is a suggested guide of coursework only and is subject to change. Students should consult with a CU Denver academic advisor as soon as possible prior to transferring. CU Denver courses may be reverse transferred to count toward a community college associate degree. Course credits shown below reflect those awarded by the institution offering the course.

**TO BE COMPLETED AT THE PARTICIPATING COLORADO COMMUNITY COLLEGE**

Year One	Semester 1 (Fall)	CRS
	ART GT-AH	3
	BUS 1015 Introduction to Business	3
	ENG 1021 English Communication I	3
	PHY 1111 Physics with lab GT-SC1	5
	<b>TOTAL</b>	<b>14</b>

Semester 2 (Spring)	CRS
ENG 1022 English Communication II	3
HUMANITIES GT-AH or GT-HI	3
MAT 1260 Precalculus	4
Technical Elective	3
Business Elective	3
<b>TOTAL</b>	<b>16</b>

Year Two	Semester 3 (Fall)	CRS
	STATS (MAT 1260 or BUS 2026)	3
	CSC 1060 Computer Science I	3
	International Perspectives (see transferology.com)	3
	Behavioral Science (GT-SS)	3
	BUS 2016 Business Law and Ethics	3
	<b>TOTAL</b>	<b>15</b>

Semester 4 (Spring)	CRS
AEC 2411 App Statics/Structures	3
AEC 2520 Building Env Systems I	3
Social Science GT SS or GT-HI	3
Intro to Engineering EGG 1020 Engineering Methodologies	3
Technical Elective	3
<b>TOTAL</b>	<b>15</b>

**TO BE COMPLETED AT CU DENVER\***

Year Three	Semester 5 (Fall)	CRS
	CEMT 1000 Intro to Construction Management	1
	CEMT 2100 Const Management Fundamentals	3
	CEMT 2300 Heavy Civil Construction & Equipment	3
	Cultural Diversity Core Curriculum	3
	CVEN 2212 Surveying for Construction	2
	CVEN 1025 or MECH 1025 Engineering Graphics	3
	<b>TOTAL</b>	<b>15</b>

Semester 6 (Spring)	CRS
ARCH 4440 Building Systems II	3
CEMT 3100 Field Engineering & Management	3
CEMT 4231 Construction Materials and Methods	3
Business Elective	3
Technical Elective	2
<b>TOTAL</b>	<b>15</b>

\*1 credit -12 week internship required, contact CEM staff for details.

Year Four	Semester 7 (Fall)	CRS
	ARCH 4340 Theory of Structures II	3
	CEMT 4240 Building Information Modeling	3
	CEMT 4232 Construction Planning and Controls	3
	CEMT 4242 Construction Safety	3
	Technical Elective	3
	<b>TOTAL</b>	<b>15</b>

Semester 8 (Spring)	CRS
Business Elective	3
CEMT 4067 Senior Capstone Project	3
CEMT 4233 Construction Cost Estimating	3
CEMT 4234 Sustainable Construction	3
CEMT 4236 Project Management	3
<b>TOTAL</b>	<b>15</b>

Total Hours at CU Denver: 60